

FELTEST

equipment



Pocket Strobe™

Feltest Equipment BV, professional instruments for paper machine clothing

The handiest stroboscope for a quick check!

Paper making is such a dynamic process, sometimes you would just like to freeze the moment to take a good look! Check the turbulence on the forming fabric? Sheet-dropping on the pick-up felt? Damages on a dryer screen? A stroboscope is the ideal tool for a fast visual inspection. Only the Pocket Strobe™ is extremely compact and can be fully controlled with one hand, keeping the other hand free for optimum safety.

Excellent view on fast moving parts

The power-optimized electronics, combined with a powerful Xenon flash lamp, achieve significantly higher light output at lower power consumption compared to conventional systems. Therefore the battery pack could be kept small, resulting in this extremely compact and lightweight stroboscope. The shorter the flash duration, the less distance is traveled by the viewed object and the sharper the image will get. With a flash duration of $< 9 \mu\text{s}$ the Pocket Strobe™ will give sharper images than most other stroboscopes.

Ideal for PMC service engineers

Especially paper machine clothing service engineers will appreciate many of the unique features of the Pocket Strobe™ like:

- the compact size which is easy to store;
- the low power consumption and the universal battery charger;
- it's reliable technology (made in Germany).

The high light output will enable the service engineer to easily capture a dynamic event, using only a simple digital camera to illustrate the service report.

Specifications

Specifications	Pocket Strobe™
Range	30 – 12,500 flashes per minute
Accuracy	$\pm 0.01\%$ from display ± 1 digit
External trigger input	0 - 5 V DTL/TTL compatible Mini jack, Uout = 7.2 V unregulated
Light emission / range	1,200 Lux / 20 cm (@ 6000 FPM)
Flash duration	$< 9 \mu\text{s}$
Flash energy	Max. 170 mJ
Longevity lamp	200 million flashes (@ 6000 FPM)
Rechargeable batteries	Li-ion battery pack with worldwide usable battery charger (100-240 V AC)
Continuous use time	> 2 h @ 1,500 FPM on 23°C
Recharging time	Approx. 5 h
Protection	IP 30 (NOT splash water proof)
Dimensions L x W x H	240 x 65 x 40 mm
Weight	415 grams (incl. battery pack)



Performing measurements of any kind on running paper machines is potentially dangerous and requires alertness, concentration and common sense. The products of Feltest Equipment BV are designed and constructed to be as safe as possible for their intended use. Feltest Equipment BV cannot be held responsible or liable in any way for injuries or damages that occurred using Feltest Equipment BV's products.

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